

1645

P#6

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APR 18 2002

OIPE

TECH CENTER 1600/290

RAW SEQUENCE LISTING DATE: 04/08/2002
PATENT APPLICATION: US/10/021,577A TIME: 10:45:48

Input Set : A:\00-87 SEQ.txt
Output Set: N:\CRF3\04082002\J021577A.raw

ENTERED

RAW SEQUENCE LISTING
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Output Set: N:\CRF3\04082002\J021577A.raw

54 <220> FEATURE:
 55 <221> NAME/KEY: VARIANT
 56 <222> LOCATION: (46)...(46)
 57 <223> OTHER INFORMATION: Xaa is selenocysteine.
 59 <400> SEQUENCE: 2
 60 Met Glu Thr Pro Leu Leu Trp Leu Pro Leu Leu Leu Gly Leu Leu
 61 1 5 10 15
 62 Ser Ala Leu Ala Pro Leu Arg Ala Val Gln Leu Asp Arg Ser Arg Leu
 63 20 25 30
 64 Gln Trp Leu Ala Arg Gly Lys Val Glu Ser Cys Gly Gly Xaa Arg Leu
 65 35 40 45
 66 Asn Arg Leu Pro Glu Val Lys Ala Phe Leu Asn Glu Asp Leu Pro Leu
 67 50 55 60
 68 Tyr His Asn Met Asp Leu Lys Tyr Leu Ala Gly Ala Asp Pro Glu Leu
 69 65 70 75 80
 70 Ile Leu Leu Asn Ile Gln Phe Glu Glu Leu Gln Arg Ile Pro Leu Ser
 71 85 90 95
 72 Asp Met Ser Arg Glu Glu Ile Asn Gln Leu Met Gln Glu Leu
 73 100 105 110
 76 <210> SEQ ID NO: 3
 77 <211> LENGTH: 471
 78 <212> TYPE: DNA
 79 <213> ORGANISM: Artificial Sequence
 81 <220> FEATURE:
 82 <223> OTHER INFORMATION: This degenerate nucleotide sequence encodes the
 83 amino acid sequence of SEQ ID NO:2.
 85 <221> NAME/KEY: variation
 86 <222> LOCATION: (1)...(471)
 87 <223> OTHER INFORMATION: N is A, G, C, or T.
 89 <400> SEQUENCE: 3
 W--> 90 atggaracnc cnytmynttg gytncnyn tnytnyntng gnytmytnws ncgnynngcn 60
 W--> 91 cncnytmgng cnngtnccaryt nqaymgnwns mngrntncart ggytngcnmg nggnaargtn 120
 W--> 92 garwsntyyg gnnggnnnmg nytnaaymgn ytncncngarg tnaargcntt ytnaaygar 180
 W--> 93 gayytnccny tntaycayaat yatggayytnt aartaytyng cnngngcnmg ycncgarytn 240
 W--> 94 athytnynta ayathcartt ygargaytn carmgnatc cnytmwsnsga yatgwsnnmg 300
 W--> 95 gargarattha aycarytnat gcgargaytn ggnttaytn gnaargayac ncncgnyawsn 360
 W--> 96 ccngtnccng aygcnttyca ratggcnccn gcnayawsny tnccnwsnsga ygtngargcn 420
 W--> 97 atgaraayaam gnmgngcnas rgararaar gnngcnngng gnccngayyt n 471
 99 <210> SEQ ID NO: 4
 100 <211> LENGTH: 48
 101 <212> TYPE: DNA
 102 <213> ORGANISM: Artificial Sequence
 104 <220> FEATURE:
 105 <223> OTHER INFORMATION: Selenocysteine insertion motif.
 107 <221> NAME/KEY: variation
 108 <222> LOCATION: (5)...(14) /
 109 <223> OTHER INFORMATION: N is A, T, G, or C.
 111 <221> NAME/KEY: variation
 112 <222> LOCATION: (15)...(16)

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Input Set : A:\00-87 SEQ.txt
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113 <223> OTHER INFORMATION: N is A, T, G, C, or absent.	
115 <221> NAME/KEY: variation	
116 <222> LOCATION: (19)...(34)	
117 <223> OTHER INFORMATION: N is A, T, G, or C.	
119 <221> NAME/KEY: variation	
120 <222> LOCATION: (35)...(44)	
121 <223> OTHER INFORMATION: N is A, T, G, C, or absent.	
123 <221> NAME/KEY: variation	
124 <222> LOCATION: (45)...(45)	
125 <223> OTHER INFORMATION: N is A, T, G, or C.	
127 <221> NAME/KEY: variation	
128 <222> LOCATION: (48)...(48) <	
129 <223> OTHER INFORMATION: N is A, T, G, or C.	
131 <400> SEQUENCE: ^	48
132 augannnnn nnnnnnnaahn nnnnnnnnnn nhnnnnnnn nnnnnnnn	
134 <210> SEQ ID NO: 5	
135 <211> LENGTH: 40	
136 <212> TYPE: DNA	
137 <213> ORGANISM: Artificial Sequence	
139 <220> FEATURE:	
140 <223> OTHER INFORMATION: Selenocysteine insertion element.	
142 <400> SEQUENCE: 5	40
143 atgaagccct ctgcagaaag ctttgctgc tgagggtgga	
145 <210> SEQ ID NO: 6	
146 <211> LENGTH: 44	
147 <212> TYPE: DNA	
148 <213> ORGANISM: Artificial Sequence	
150 <220> FEATURE:	
151 <223> OTHER INFORMATION: Selenocysteine insertion element.	
153 <400> SEQUENCE: 6	44
154 atgaagccct ctgcagaaag ctttgctgc tgagggtgga taga	

VERIFICATION SUMMARY
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L:12 M:270 C: Current Application Number differs, Replaced Current Application No
L:12 M:271 C: Current Filing Date differs, Replaced Current Filing Date
L:64 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:2
L:90 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3
L:91 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3
L:92 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3
L:93 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3
L:94 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3
L:95 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3
L:96 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3
L:97 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3
L:132 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:4